120

QC2- Inspect parts off machine FAI/FAIB

2-Deburr if necessary

0.00

\*120\*

Memo

0.00

Quality Control

32)\_\_\_\_

B12-11-27

											DQA:	Date:	
NCR:	⁄es	/ No	·			WORK ORDER NON-O	cor	<b>NFORN</b>	ANCE / UPD	ATE	,		
											QA Closed:	Date:	
Work Orde	or.					DISPOSITION			· · · · · · · · · · · · · · · · · · ·	AGAINST DEI	PARTMENT	/PROCESS	
Work Order:  Part No.  NCR No.				Rework Skid-tube Crosstube Machining Small Fab Use-as-is Thermoforming Finishing Work Order Update Large Fab Composite			Small Fab Finishing	Pro Rec/Sto	Engineering Quality Other				
Root					Descri	ption of work order update		Initial	Actio	on	Sign &		
Cause		Date	Step	Qty	(	or Non-conformance	Ch	nief Eng	Descrip	otion	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
						F	AUL	T CATE	GORY			·	
Landi			•			General		٦			1	<u></u>	7
	Bending Centre Not Concentric to O/S Cracks			Bend BOM/Route Broken/Damaged		Grain Hardware Inspection Incomplete			Ovalized Over/Under Part Incorre	<u> </u>	Pressure/Forced Temperature/Cure Weld		
	-	Crushed/	Crimped.			Burrs		4	ioris Incomplete/Ur	nclear	Part Lost/M	_	Wrong Stock Pulled
	$\vdash$	Cuffs Heat Trea	ıt		-	Contamination Countersink	-	Mainte Mislabe		-	Part Moved Positioned \		
	$\vdash$	Inspection		Tube		Cut Too Short		Misread			Power Loss/		Other
		Ripples in	Bend			Drill Holes		Offset		-			

Out of Calibration

Out of Sequence Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

Packaging

			DQA:	Date:	
ICR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE			
			OA Closed:	Date:	

							· · · · · · · · · · · · · · · · · · ·		QA Closed.	Date	<b>.</b>		
Work Orde	er:				DISPOSITION			AGAINST DE	EPARTMENT/PROCESS				
					Rework	]	Skid-tube Crosstube			Water Jet Engineering			
Part N	lo				Scrap		Machining	Small Fab	Pro	d. Eng. Coor.	Quality		
					Use-as-is	Th	ermoforming	Finishing	Rec/Sto	re/Packaging	Other		
NCR N	lo				Work Order Update	]	Large Fab	Composite	]	Supplier			
Root				Descri	tion of work order update	Initia	1 1 0	ction	Sign &				
Cause	Date	Step	Qty		or Non-conformance	Chief E		cription	Date	Verification	QC Inspector		
Doc/Data	Date	эсер	Qty		or Non-comormance	Cilier	116 0630	cription	Date	Vermeation	QC IIISPECTOI		
Equip/Tooling			li		•								
Operator	_	ļ											
Material													
Setup		į				1.							
Other						,							
Process						\$6.							
Supplier													
Training						1							
Unapproved													
					F	AULT CA	TEGORY				:		
Landir	ng Gear				General				_	_			
	Bending				Bend	Gra	in		Ovalized		Pressure/Forced		
	Centre N	ot Concei	ntric to C	D/S	BOM/Route	Hard	lware	L	Over/Under tolerance		Temperature/Cure		
]	Cracks			Broken/Damaged	Insp	ection Incomplete		Part Incorre	ct [	Weld			
	Crushed/Crimped			Burrs	Insti	uctions Incomplete,	/Unclear	Part Lost/Missing Wrong Stock Pulled					
Cuffs			Contamination	Mai	ntenance		Part Moved						
Heat Treat			Countersink	Misl	abeled		Positioned V						
]	Inspectio	•	Tube		Cut Too Short	Misi			Power Loss/	'Surge	Other		
ļ	Ripples ir				Drill Holes	Offs							
	Torque V			` <u> </u>	Drawing	$\vdash$	of Calibration						
	Turning S			<u> </u>	Finish	$\overline{}$	of Sequence						
	Wave/Twist in Tube			Folio	Outside Dimensions								

0.00

0.00

OC21- Final Inspection - Work Order Release

Memo

180

\*120\*

Quality Control

M (B-0)2

										DQA:	Date:	
NCR:	Yes /	No			WORK ORDER NON-	COI	NFORN	MANCE / UP	PDATE		_	
										QA Closed:	Date:	
Work Ord	or:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
WOIK OIG	C1.				Rework	1		Skid-tube	Crosstube	1	Water Jet	Engineering
Part I	No.				Scrap	1		Machining	Small Fab	Pro	d. Eng. Coor.	Quality
					Use-as-is	1		noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR I	No				Work Order Update			Large Fab	Composite		Supplier	
							<u> </u>					
Root					ption of work order update	i	Initial		ction	Sign &		
Cause	Di	ite Ste	p Qty	,	or Non-conformance	Cr	nief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data	Ш		ļ								ļ	
Equip/Tooling	Ш											
Operator												
Material	Ш											
Setup	Ш											
Other	Ш											
Process	Ш		1						·			
Supplier	Ш					1						
Training		ľ				1						
Unapproved		<u>_</u>		1		<u> </u>						
					F	AUI	T CATE	GORY				
Landi	ng Gear				General		7			7		٦
	Ben	ling			Bend		Grain			Ovalized		Pressure/Forced
	Cent	re Not Con	centric to	O/S	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Crac	ks			Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ect	Weld
	Crus	hed/Crimp	ed.		Burrs		Instruct	ions Incomplete	/Unclear	Part Lost/M	lissing	Wrong Stock Pulled
	Cuff	5			Contamination		Mainte	nance		Part Moved		
	Hea	Treat			Countersink		Mislabe	eleci		Positioned '	Wrong	_
	Insp	ection Strip	in Tube		Cut Too Short		Misread	i		Power Loss,	/Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drill Holes

Drawing

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

\* Picklist Print

November-15-12 8:56:44 AM

Work Order ID:

93160

Parent Item:

646.3913

Parent Item Name:

Shim

**Start Date:** 11/15/12

Required Date: 12/07/12

Page 1

**Start Qty: 20.00** 

Required Qty: 20.00

Comments:

IPP REV:A 12.10.23 NEW ISSUE DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MC1095S.032 C1095 Blue Tempered Spri	ing Steel Sheet .032	Purchased	No			110	sf	12.0000	0.02	0.4210526	1312	-11-27	

 Location
 Loc Qty
 Loc Code

 MAT
 12

123537 12

123537



Date: DQA: **WORK ORDER NON-CONFORMANCE / UPDATE** NCR: Yes / No OA Closed: Date: AGAINST DEPARTMENT/PROCESS DISPOSITION Work Order: Skid-tube Crosstube Water Jet Engineering Rework Small Fab Prod. Eng. Coor. Quality Scrap Machining Part No. Rec/Store/Packaging Other Thermoforming Finishing Use-as-is NCR No. Work Order Update Large Fab Composite Supplier Description of work order update Root Initial Action Sign & Verification Cause Date Step Qtv or Non-conformance Chief Eng Description Date QC Inspector Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved **FAULT CATEGORY Landing Gear** General Pressure/Forced Bend Grain Ovalized Bending BOM/Route Centre Not Concentric to O/S Hardware Over/Under tolerance Temperature/Cure Broken/Damaged Weld Cracks Inspection Incomplete Part Incorrect Crushed/Crimped. Burrs Part Lost/Missing Wrong Stock Pulled Instructions Incomplete/Unclear

Maintenance

Out of Calibration

Out of Sequence

**Outside Dimensions** 

Mislabeled

Misread

Offset

Part Moved

Positioned Wrong

Power Loss/Surge

Other

Contamination

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

**Turning Sequence** 

Wave/Twist in Tube

Ripples in Bend

Cuffs

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

DART AEROSPACE LTD	Work Order:	93166		
Description: SHIM	Part Number:	(41 -2917		
Inspection Dwg: 646 - 340 Rev: N/C		Page 1 of 1		

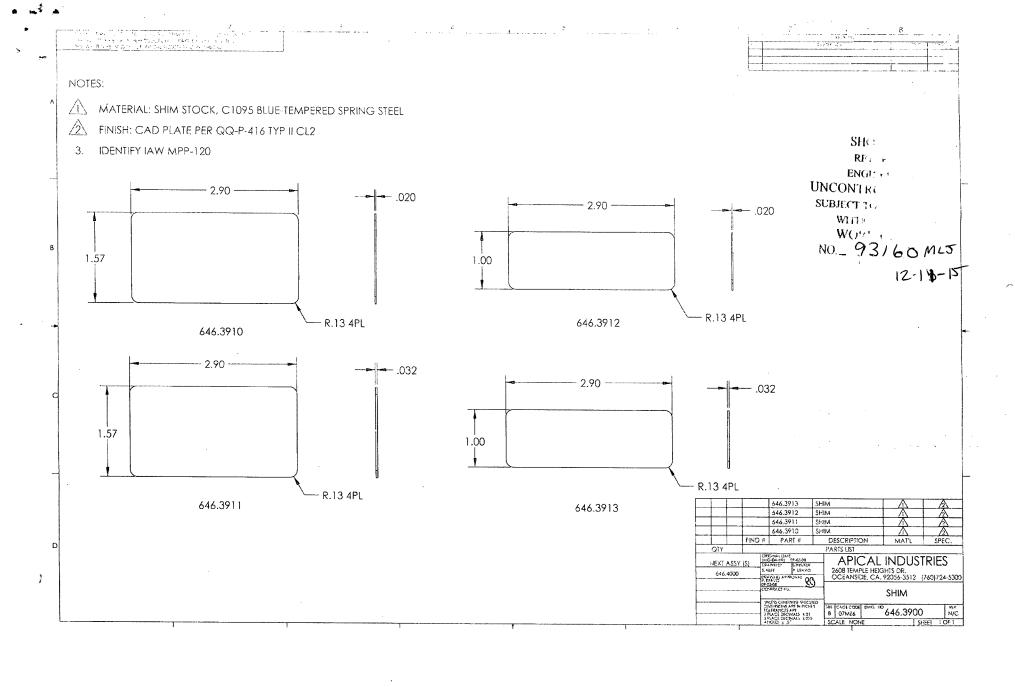
## FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
	TOO. Y	1.003	3.	<del>  : </del>	V BUL	
	1/ ,005	2901	b		V	
650,	1/2.005	(635)	2		TV	
	./					-
				,	1	
					·	ų t
· · · · · · · · · · · · · · · · · · ·						
			, v	ı.		
		7				`
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<b>_</b>	·		·
·		<u> </u>				ar a superior
	e jewataji <del> </del>					
•						
	, 1 m					
	1					
	*					
·						
<u>*</u> .	1.44					
÷			JAC			

Measured by:	B
Date:	12-11-87

Audited by:	8-83
Date:	12/128

Preliminary Approval:	
Date:	



## CERTIFICATE OF CONFORMANCE

## CADORATH PLATING CO. LTD. 2150 LOGAN AVENUE **WINNIPEG, MANITOBA R2J-0J1**

DATE:

Jan-08-2013

CONSIGNED TO: Dart Aerospace Ltd.

1270 Aberdeen St.

Hawksbury, ON K6A 1K7

W/O #:

120747

**INVOICE #:** 

64009

CONTRACT OR

PURCHASE ORDER #

PO18582

DESCRIPTION:

SHIM

QTY

20

P/N # 646 3913

S/N # 93160

STRIP AND CADMIUM PLATING IAW AMS-QQ-P-416C TYPE 2 CLEAR CLASS 2. BAKE HEAT CHART # 13-14.

CERTIFICATE: I certify that the items indicated here on have been inspected and tested and conform to all specifications and requirements detailed on the contract or purchase order.

Approved Inspector: